remote site monitoring

TASC Systems Inc. is a quality manufacturer and research and development facility committed to the design of innovative commercial and industrial wireless remote site monitoring and control system solutions. Over the past decade, by successfully developing and applying reliable technology-based solutions, we are proud to have earned a reputation as a leading remote monitoring and control solutions provider.

Remote Monitoring is a very powerful tool providing the organization the capability to interrogate a site without being there, resulting in timely diagnosis and maximum up-time. The backhaul options for moving the data include Ethernet, FFSK/4-wire, PSTN, Cellular, Kenwood FleetSync™, Serial (RS232), two-way radio, Kenwood NEXEDGE®, and packet radio. An intuitive software platform enables a seamless integration no matter the mode of communication.

Remote Monitoring saves on needless trips to remote sites and provides the insight to field personnel regarding the situation at the site. The "new reality" is that the organization will reduce expenses and stay informed of pending problems at the site.

TASC advantages

- Industry knowledgeable and service-oriented team
- Industry leading low power consumption
- −40°C to +65°C operational temperature specification
- Event logging and alarm notification (SMS and emails)
- Management via smart phone, tablet or any web enabled devices.
- Connectivity to TASC designed optional sensors
- Feature rich graphical user interface (GUI)
- Secure access using the Client (GUI)
- Custom application services

TASC
SYSTEMS INC.

siteVIEW Enterprise 2.0 and siteVIEW APEX
- siteVIEW Enterprise 2.0 is the interface software used to monitor and control networks of TASC Systems' siteRSM, siteCOMMANDER, and sitePORTAL Lite hardware
- User design graphical interface
- Data access by multiple users via the client GUI
- Alarm messaging via email, SMS and Kenwood FleetSync™
- SNMP agent to interface with Network Management System
- siteVIEW Mobile provides device and alarm information and management from mobile smart phone, tablet or any other web enabled devices.

siteRSM
- Reliable remote monitoring thru two-way radio, Ethernet, serial, landline dial-up, and cellular
- Enclosure options: 19" rackmount (1RU and 2RU), NEMA 4 and clamshell
- Low power consumption
- Easy connectivity to optional TASC sensors
- Input/output expansion capabilities
- NXDN interface of Icom IDAS™ or Kenwood NEXEDGE®

siteCOMMANDER and siteCOMMANDER FleetSync™
- The siteCOMMANDER can be deployed in point-to-point and point-to-multipoint applications
- The system can be used in control applications where an input mapping feature allows an event or a change in state to trigger an output
- Reliable remote monitoring via FFSK/4-Wire, serial and Kenwood Fleetsync™ backhaul methods
- Wide operating temperature range for extreme conditions

sitePORTAL Lite
- Addresses the network management issues that wireless telecommunications system operators face as the level of sophistication of "multi-vendor" communication equipment progresses
- Provides a universal method for retrieving status information across all active components via PSTN, Cellular and Ethernet backhaul technologies
- Wide operating temperature range for extreme conditions
- Powerful Pass-Through feature enabling remote connection to 3rd party equipment
- SNMP reporting

Antenna/Line Monitor
- Provides highly accurate VSWR results, real time, in high power applications
- Directivity of greater than 30dB and insertion loss of less than 0.1 dB
- Wide frequency range of 40-2000 MHz
- Two independently configurable alarm contact relays

Bi-directional Power Sensor
- Provides precise forward and reflected power measurements in real-time when polled
- Device can be placed in new and existing radio systems
- Wide operating temperature for extreme conditions
- Analog outputs for easy connection to site monitoring devices

BPS 2 Series
- Provides precise forward and reflected power measurements in real-time when polled
- Standard analog outputs
- Isolation >25 dB
- Easy connectivity to monitoring devices and rack mountable